Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103558.D
Acq On : 9 Mar 2018 15:46
Operator : SJ/JU
Sample : J1829-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 09 16:27:45 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	142383	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	603626	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	243097	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	342301	20.00	ng	0.00
75) Chrysene-d12	14.06	240	215712	20.00	ng	0.00
86) Perylene-d12	15.57	264	195684	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	944068	100.28	ng	0.00
7) Phenol-d6	6.50	99	1195436	103.77	ng	0.00
23) Nitrobenzene-d5	7.43	82	791808	74.91	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	146482	71.19	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	998369	67.27	ng	0.00
78) Terphenyl-d14	12.99	244	597193	66.55	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	896	Below Cal	#	45
19) n-Nitroso-di-n-propylamine	7.43	70	99907	13.935	ng	# 86
25) Isophorone	7.43	82	795527	38.215	ng	# 64
51) Acenaphthene	9.94	154	33597	2.324	ng	97
53) 2,4-Dinitrophenol	10.27	184	123	9.694	ng	# 1
57) Fluorene	10.46	166	36383	2.152	ng	# 92
64) 4,6-Dinitro-2-methylphenol	10.70	198	263	5.059	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	10709	3.003	ng	# 1
70) Phenanthrene	11.43	178	581543	30.871	ng	98
71) Anthracene	11.48	178	193201	10.002	ng	98
72) Carbazole	11.65	167	38479	2.000	ng	98
73) Di-n-butylphthalate	11.94	149	664916	27.623	ng	99
74) Fluoranthene	12.63	202	828929	43.789	ng	99
77) Pyrene	12.86	202	837908	49.821	ng	100
80) Benzo(a)anthracene	14.05	228	417281	29.814	ng	98
82) Chrysene	14.09	228	371963	27.370	ng	99
85) Indeno(1,2,3-cd)pyrene	17.12	276	177680	16.515	ng	92
87) Benzo(b)fluoranthene	15.13	252	592113	46.021	ng	# 95
88) Benzo(k)fluoranthene	15.13	252	592113	48.873	ng	# 97
89) Benzo(a)pyrene	15.52	252	341993	29.766	ng	97
90) Dibenzo(a,h)anthracene	17.12	278	40463	4.558	ng	# 85
91) Benzo(g,h,i)perylene	17.59	276	160411	18.487	ng	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103558.D
Acq On : 9 Mar 2018 15:46
Operator : SJ/JU
Sample : J1829-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 09 16:27:45 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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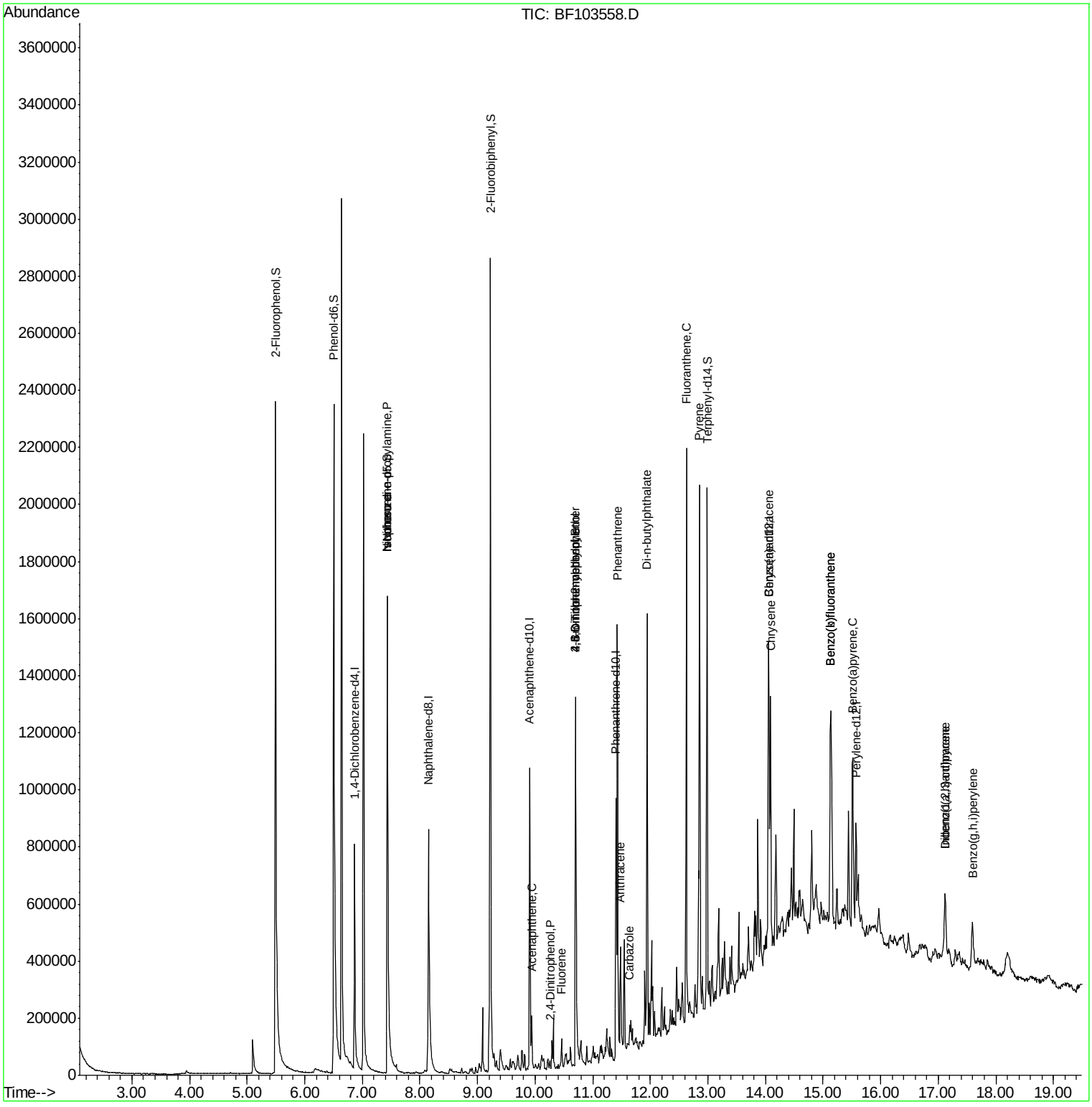
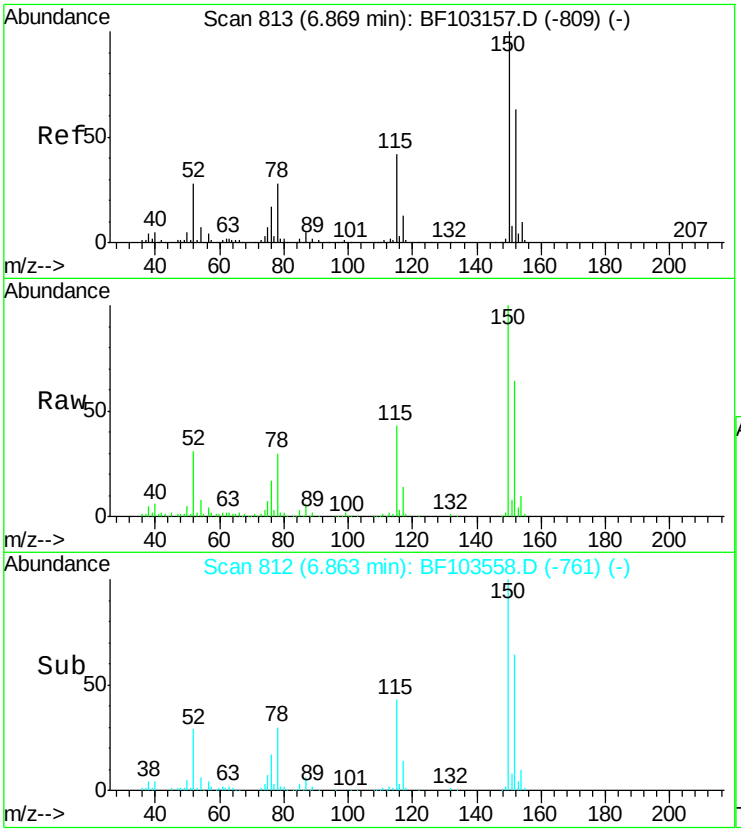


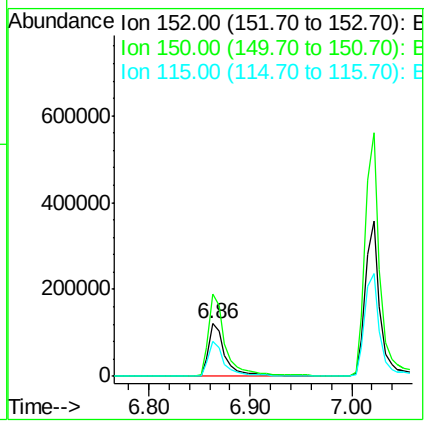


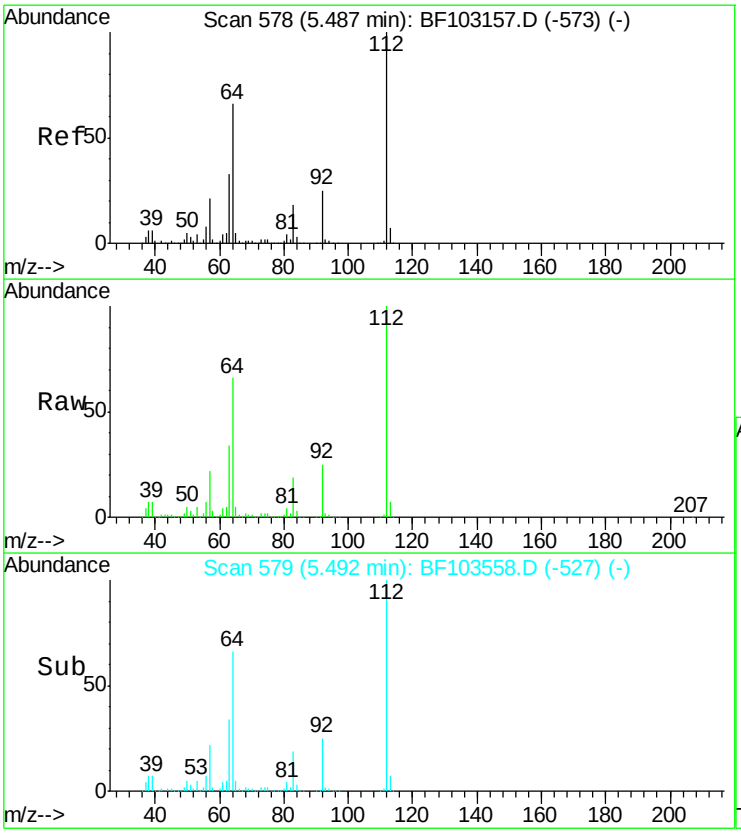
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 142383

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	67.8	50.1	75.1

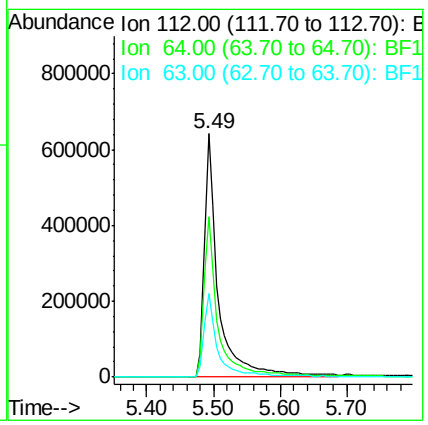


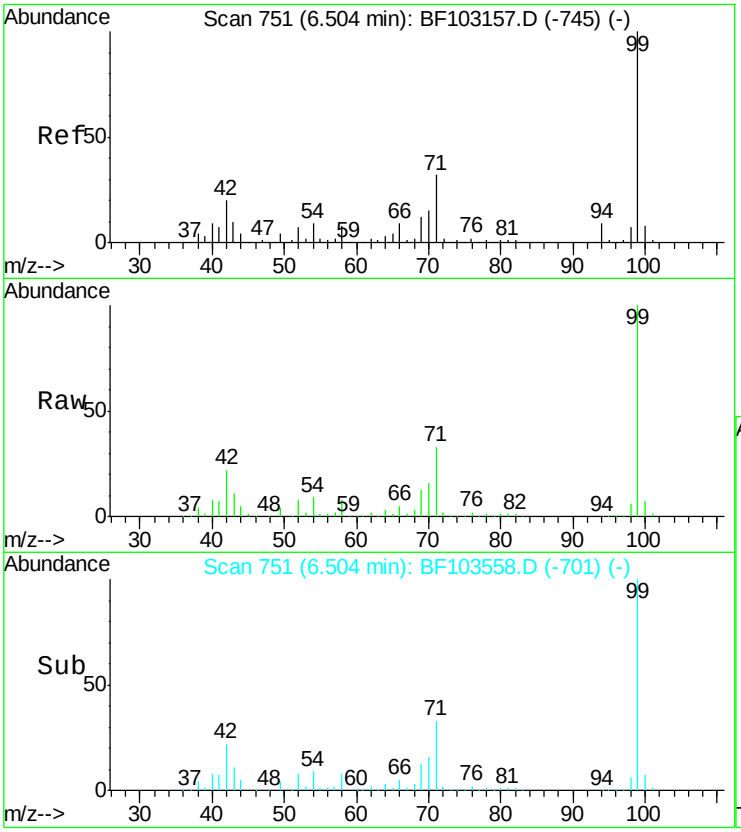


#5
2-Fluorophenol
Concen: 100.281 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Tgt Ion:112 Resp: 944068

Ion	Ratio	Lower	Upper
112	100		
64	66.0	47.9	71.9
63	34.3	23.7	35.5



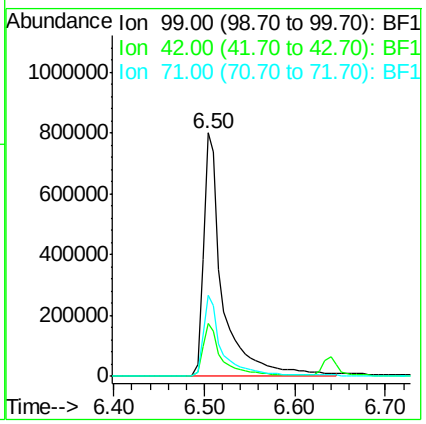


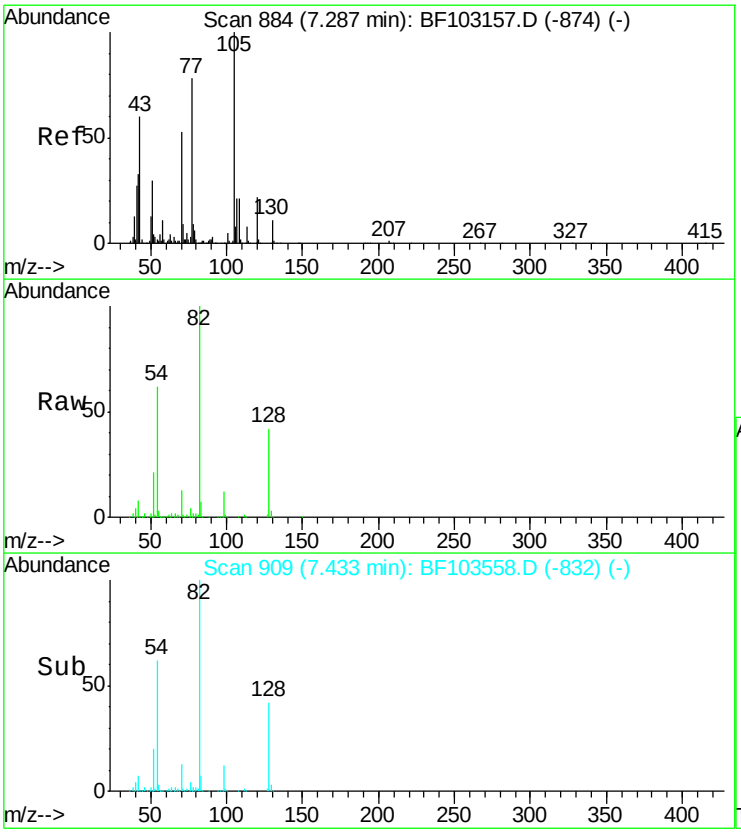
#7
Phenol-d6
Concen: 103.773 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1195436

Ion	Ratio	Lower	Upper
99	100		
42	21.7	14.5	21.7
71	33.1	25.4	38.0

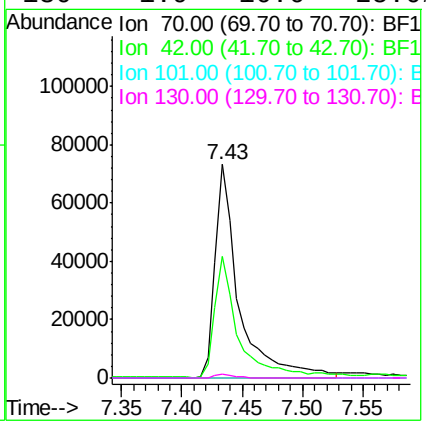


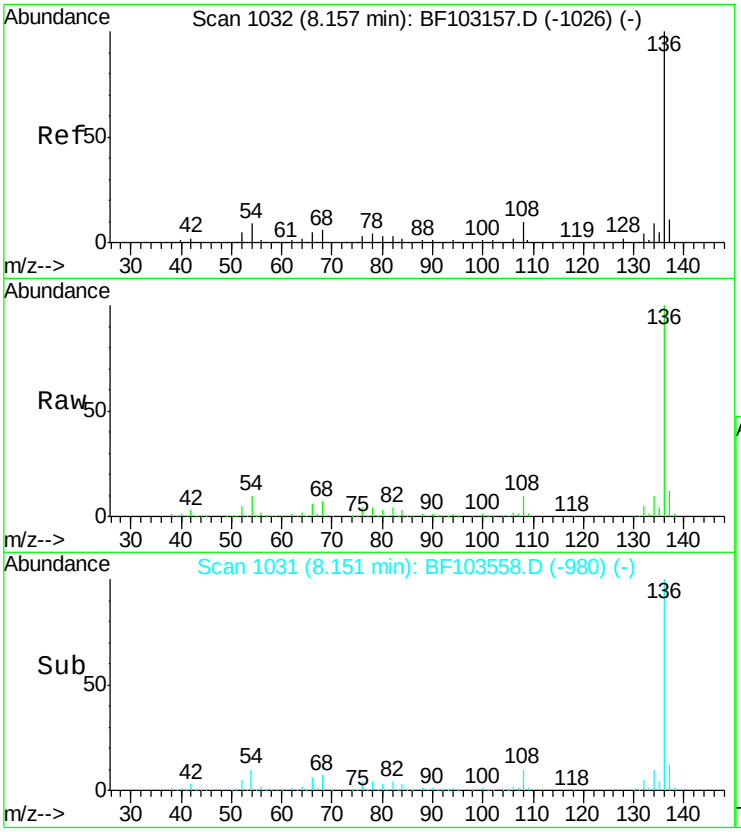


#19
n-Nitroso-di-n-propylamine
Concen: 13.935 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.15 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Tgt Ion: 70 Resp: 99907

Ion	Ratio	Lower	Upper
70	100		
42	57.1	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



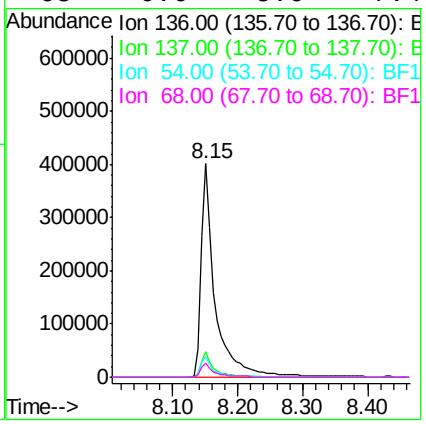


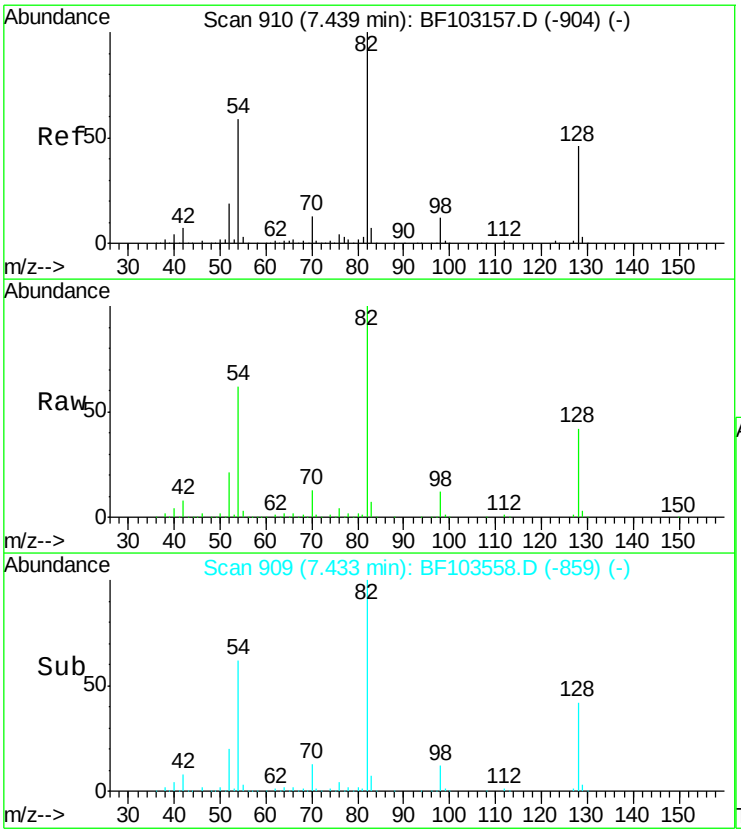
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 603626

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.9	13.3
54	9.6	6.6	9.8
68	6.6	5.0	7.4

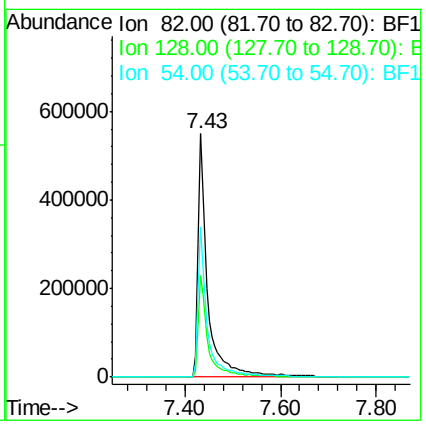


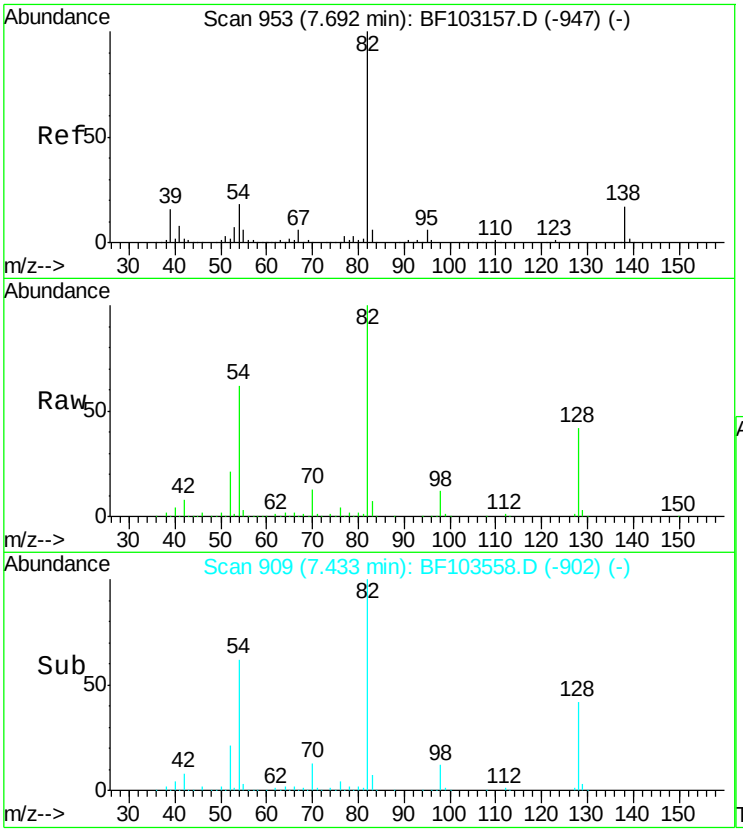


#23
Nitrobenzene-d5
Concen: 74.912 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Tgt Ion: 82 Resp: 791808

Ion	Ratio	Lower	Upper
82	100		
128	41.9	36.1	54.1
54	61.5	41.4	62.2



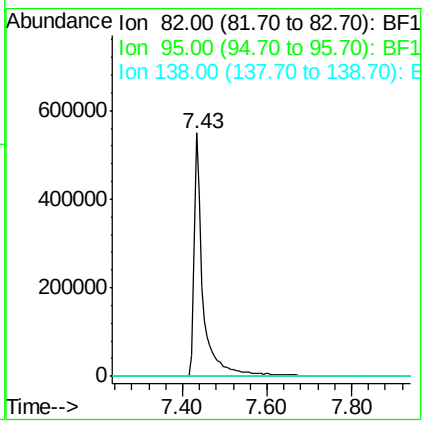


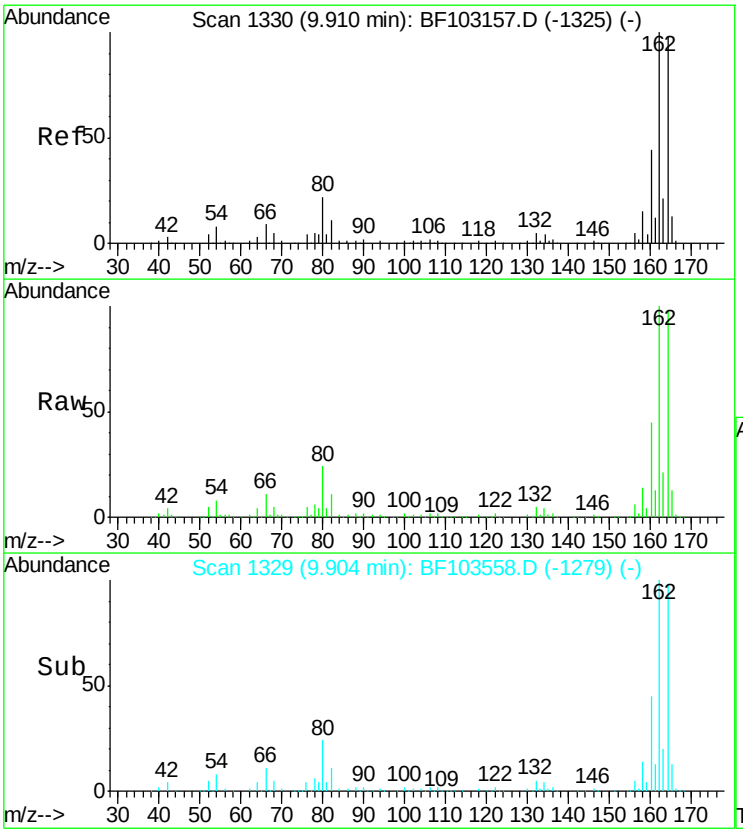
#25
Isophorone
Concen: 38.215 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 795527

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

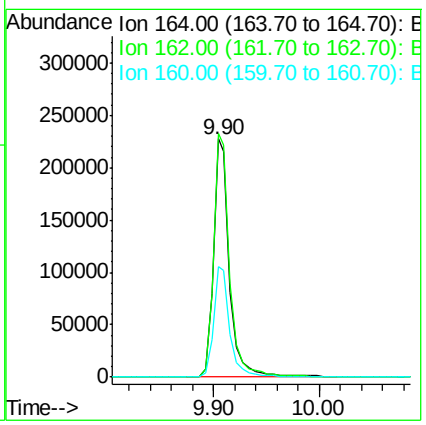


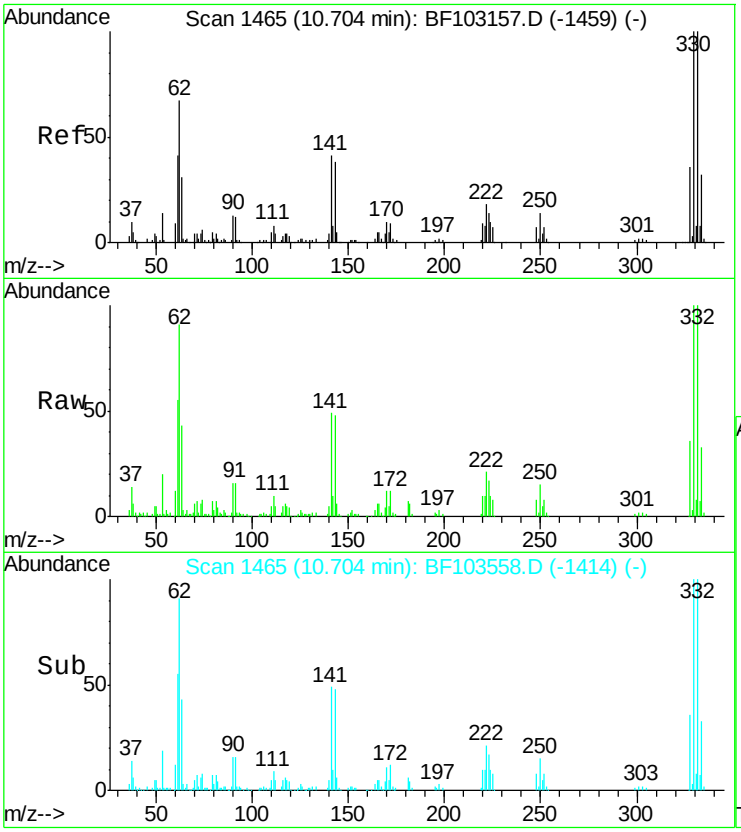


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Tgt Ion:164 Resp: 243097

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	46.2	38.3	57.5



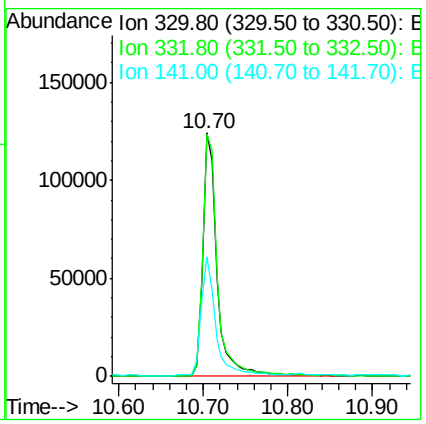


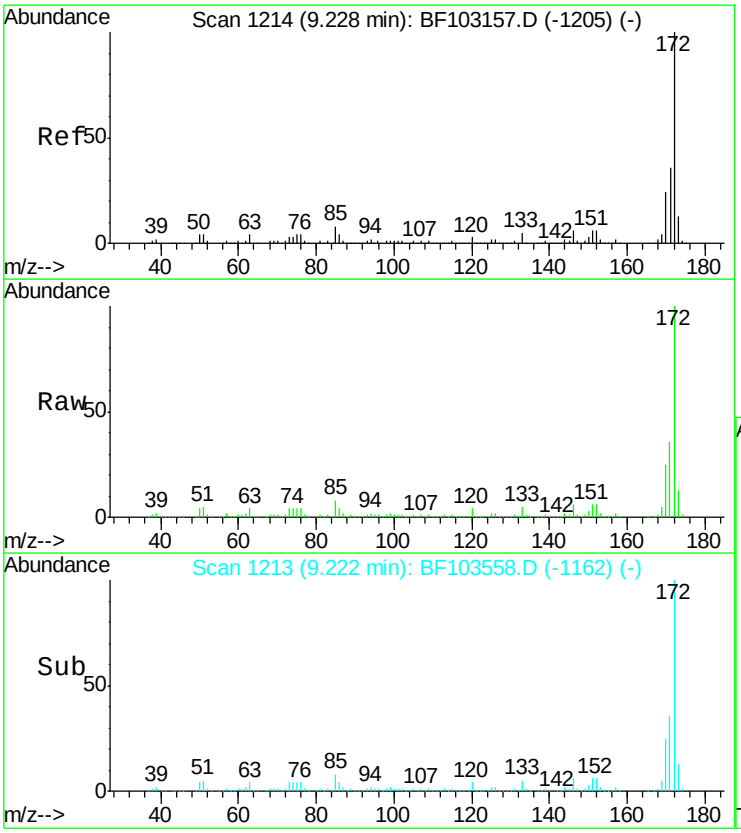
#41
2,4,6-Tribromophenol
Concen: 71.188 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 146482

Ion	Ratio	Lower	Upper
330	100		
332	101.9	77.0	115.6
141	49.1	29.9	44.9#

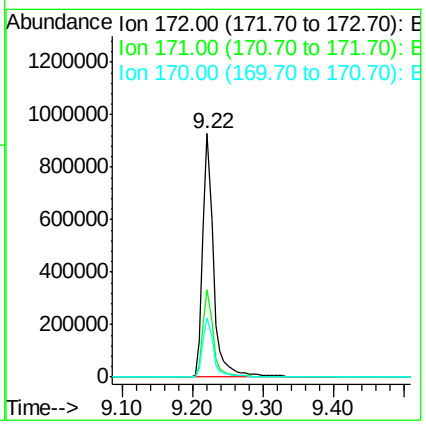


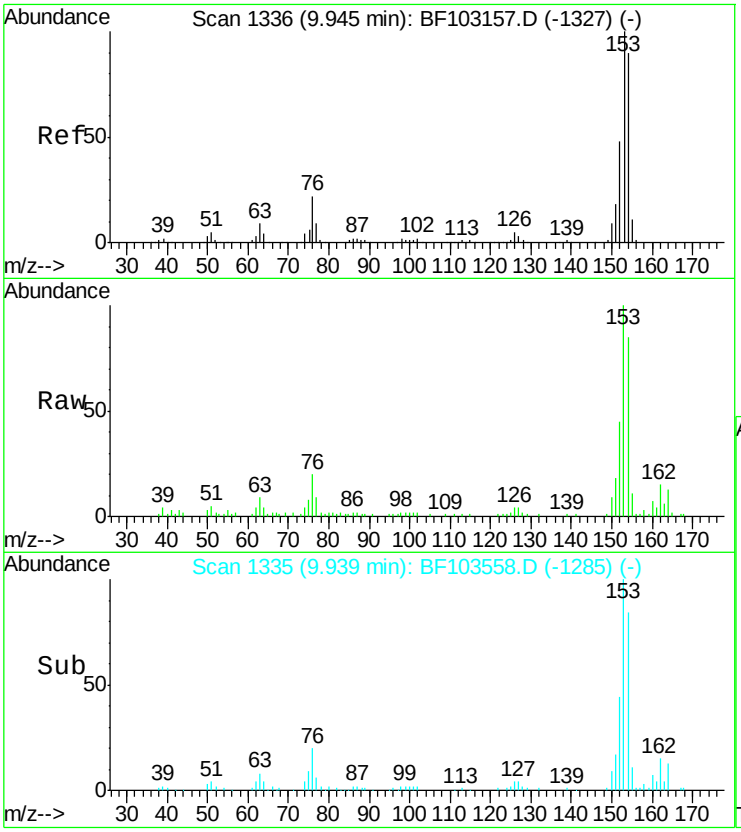


#44
2-Fluorobiphenyl
Concen: 67.272 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Tgt Ion:172 Resp: 998369

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.6	19.6	29.4



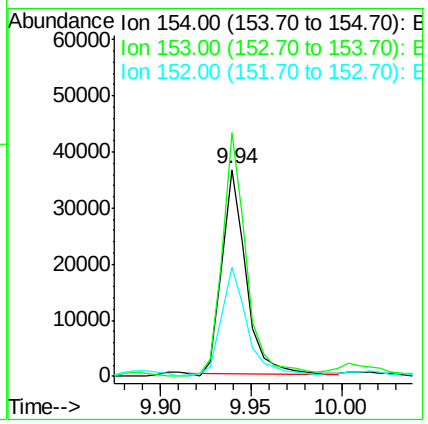


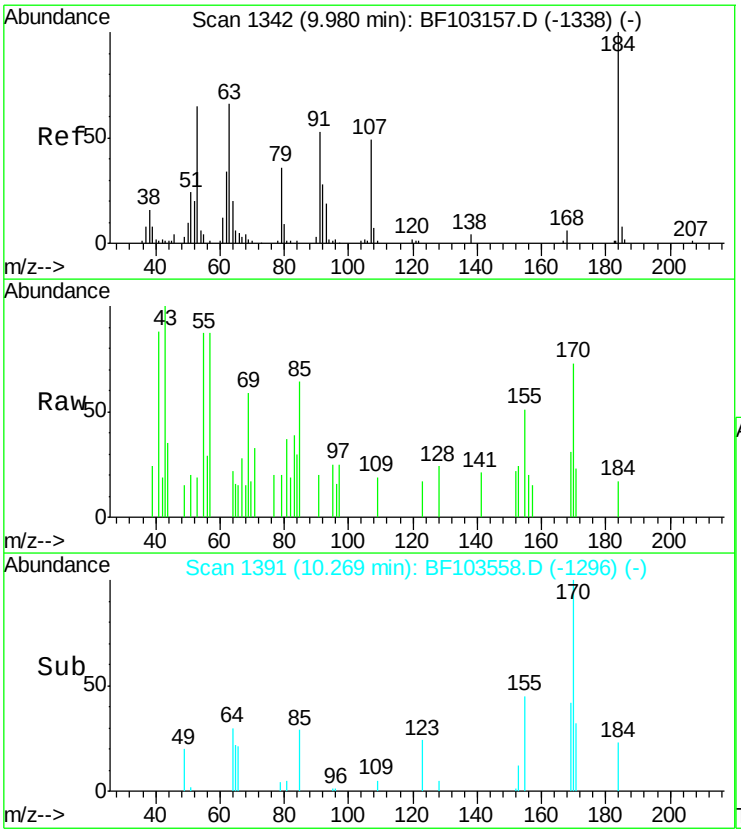
#51
Acenaphthene
Concen: 2.324 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 33597

Ion	Ratio	Lower	Upper
154	100		
153	117.8	91.2	136.8
152	53.0	43.8	65.8

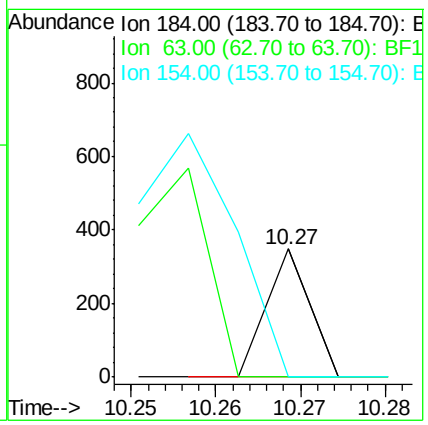


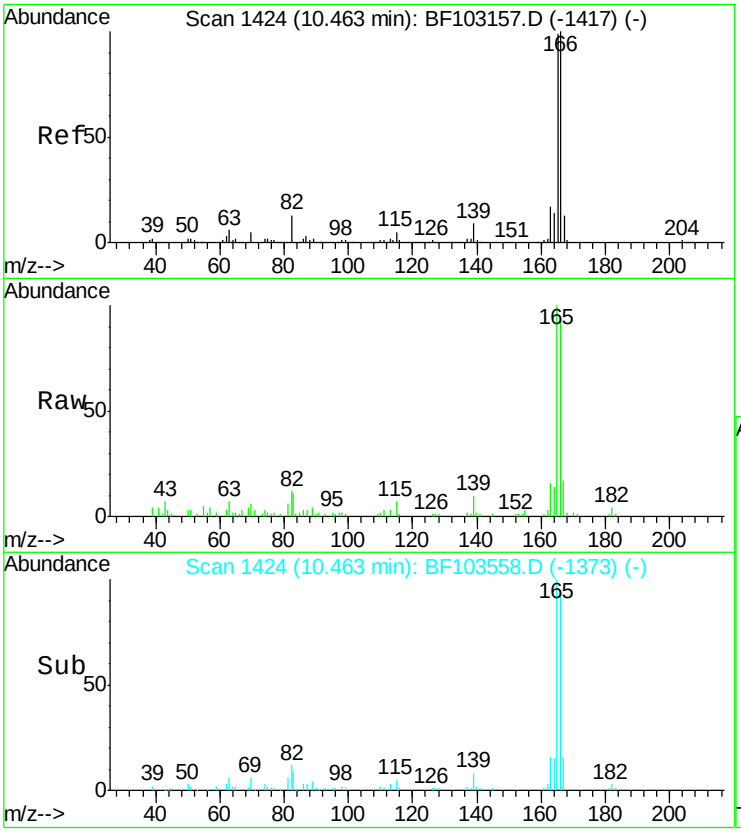


#53
2,4-Dinitrophenol
Concen: 9.694 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.26 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Tgt Ion:184 Resp: 123

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	0.0	184.0	276.0#



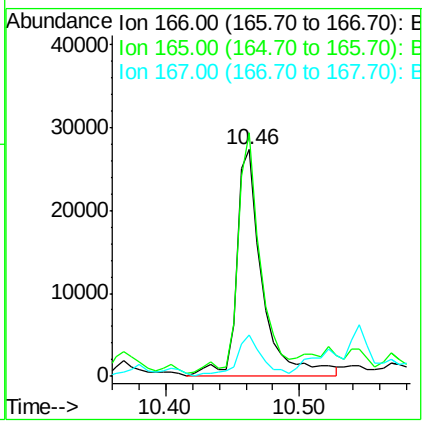


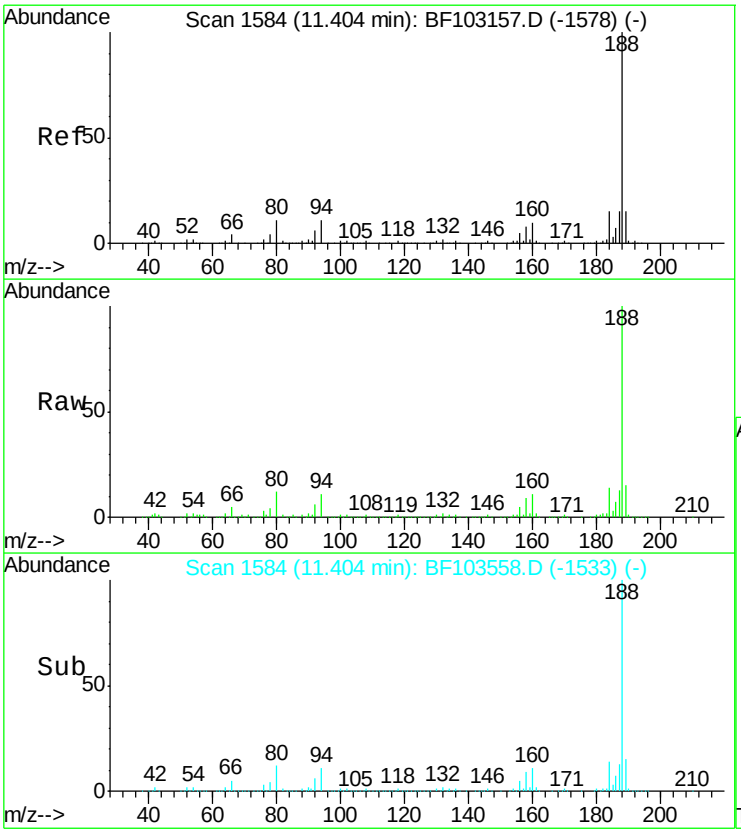
#57
Fluorene
Concen: 2.152 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 36383

Ion	Ratio	Lower	Upper
166	100		
165	107.4	79.8	119.8
167	18.1	10.6	16.0#

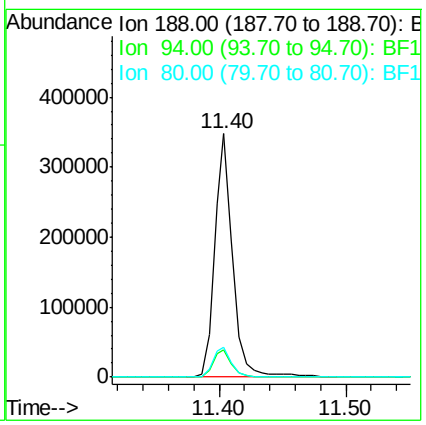


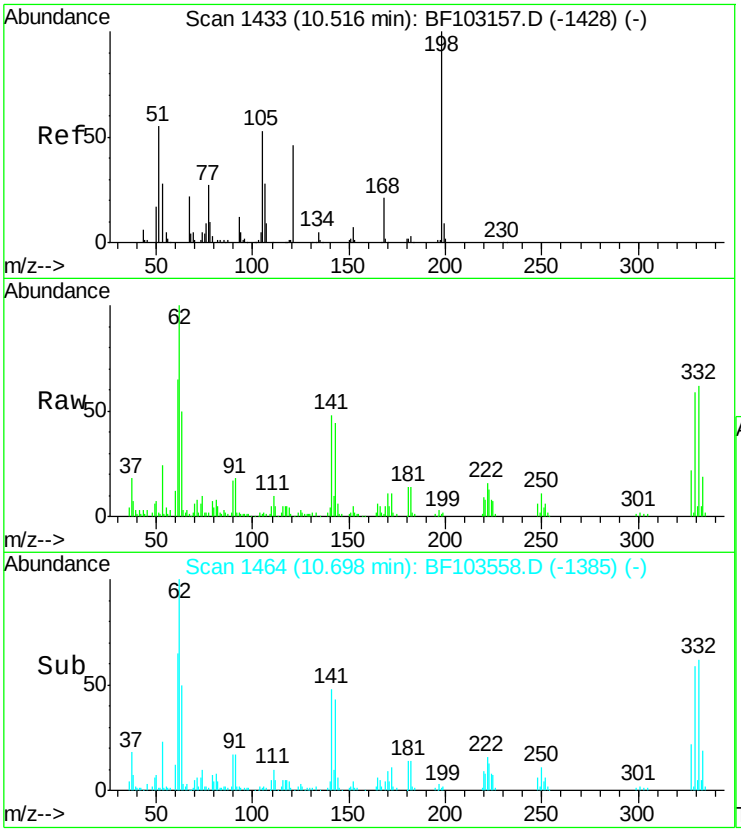


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Tgt Ion:188 Resp: 342301

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.5	9.2	13.8



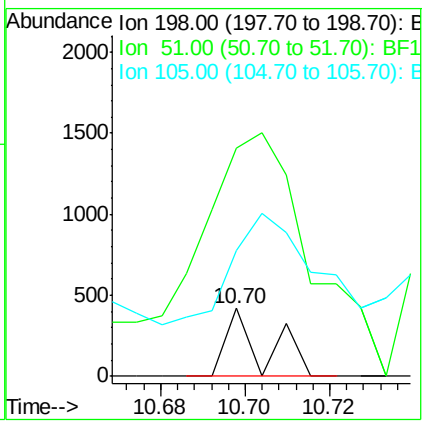


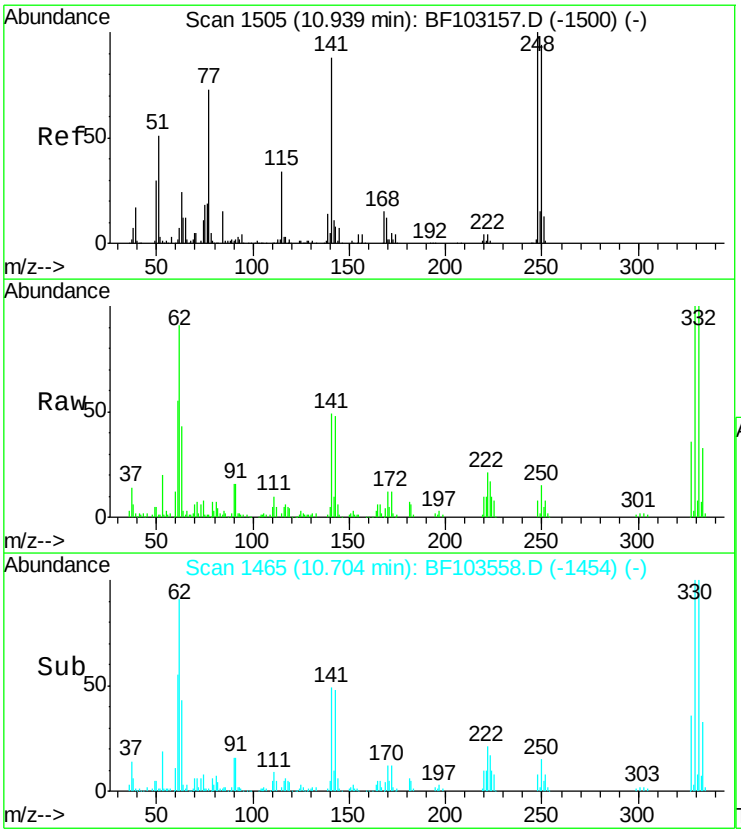
#64
4,6-Dinitro-2-methylphenol
Concen: 5.059 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.16 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 263

Ion	Ratio	Lower	Upper
198	100		
51	335.0	37.7	77.7#
105	185.7	36.3	76.3#

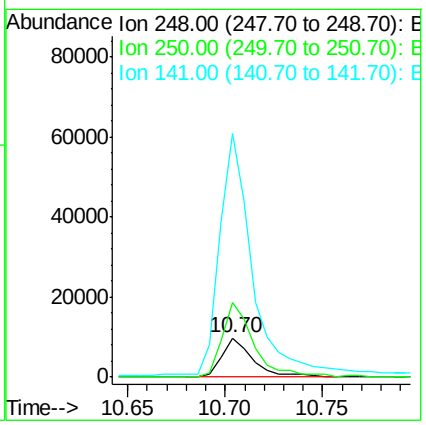


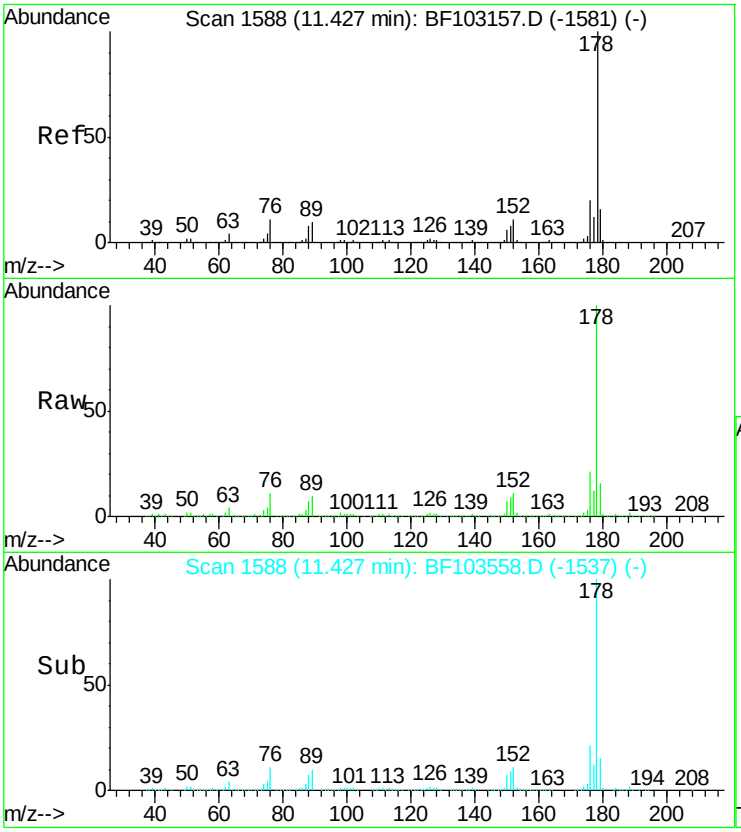


#66
4-Bromophenyl-phenylether
Concen: 3.003 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Tgt Ion:248 Resp: 10709

Ion	Ratio	Lower	Upper
248	100		
250	192.7	76.9	115.3#
141	624.9	74.4	111.6#



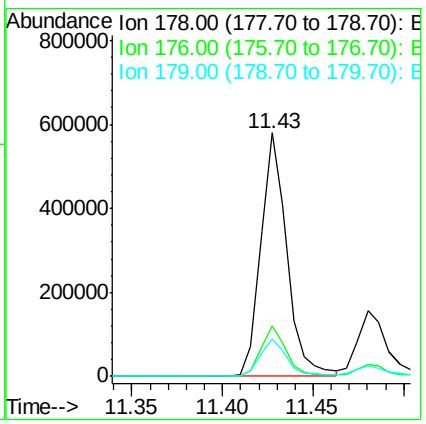


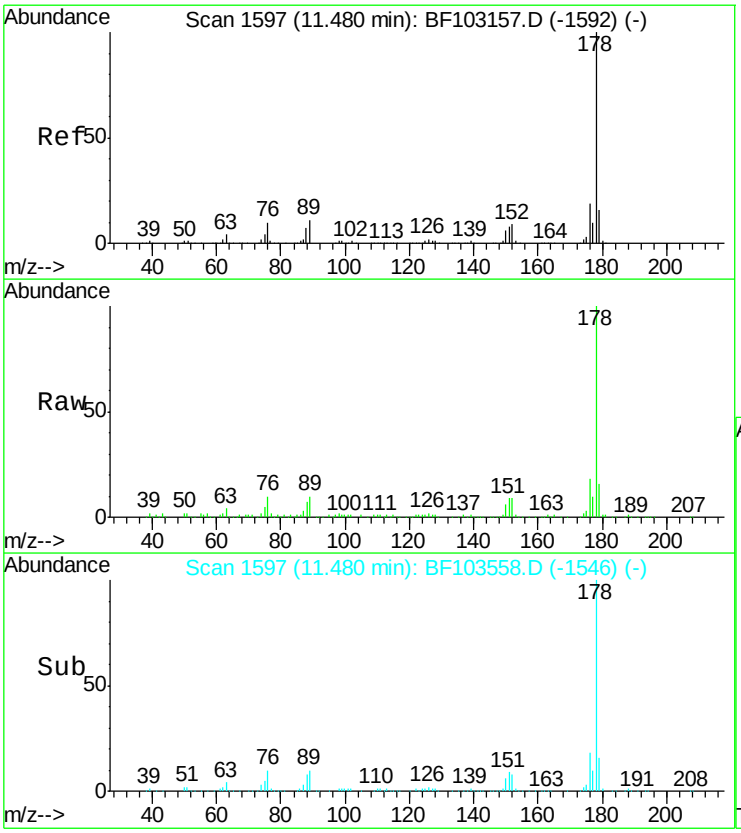
#70
Phenanthrene
Concen: 30.871 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 581543

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	15.5	13.0	19.6

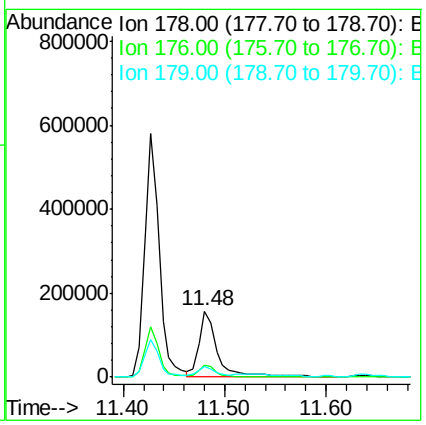


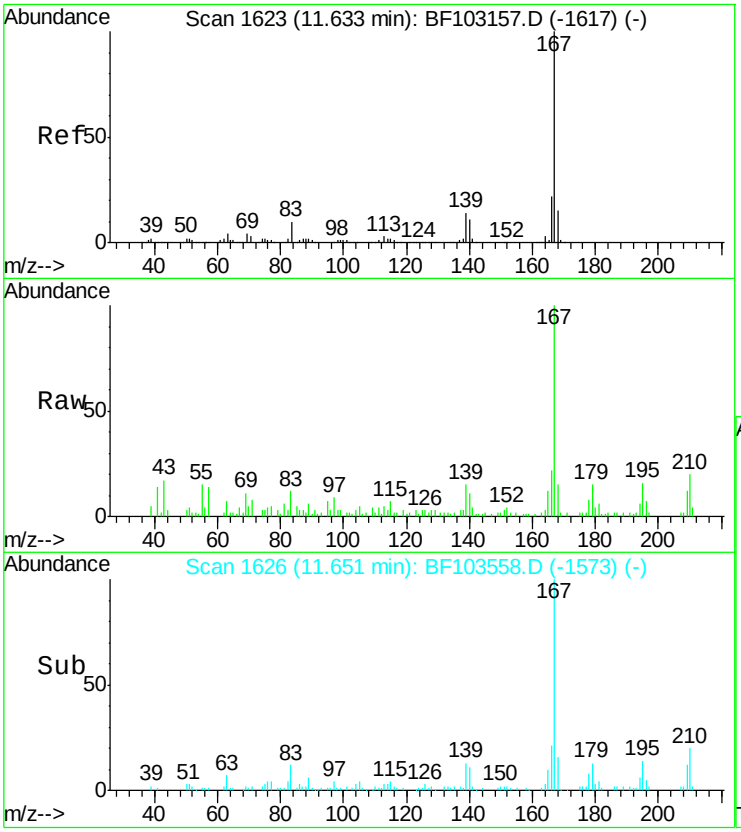


#71
Anthracene
Concen: 10.002 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Tgt Ion:178 Resp: 193201

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	16.2	12.6	19.0



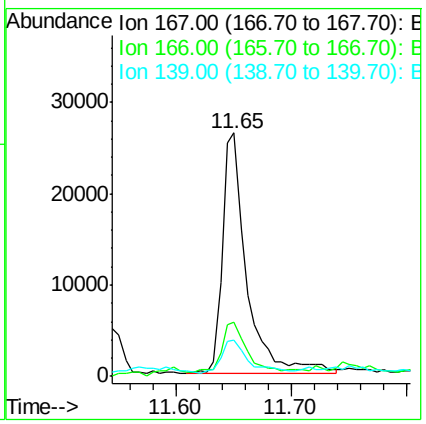


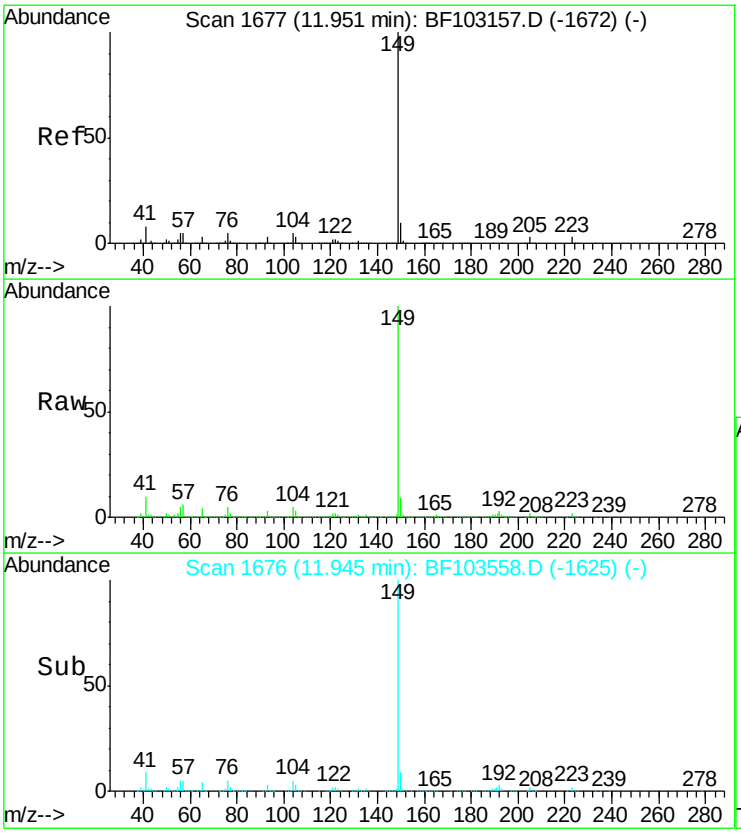
#72
Carbazole
Concen: 2.000 ng
RT: 11.65 min Scan# 1626
Delta R.T. 0.01 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 38479

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	15.1	10.9	16.3

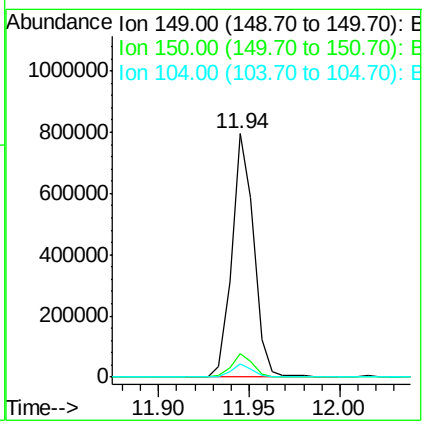


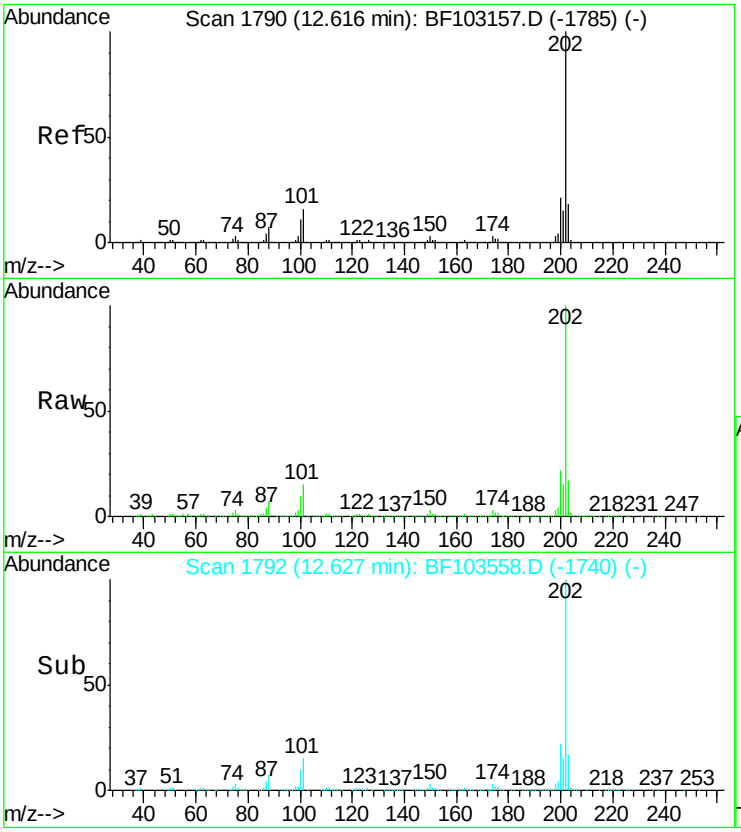


#73
Di-n-butylphthalate
Concen: 27.623 ng
RT: 11.94 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Tgt Ion:149 Resp: 664916

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	5.2	3.8	5.8



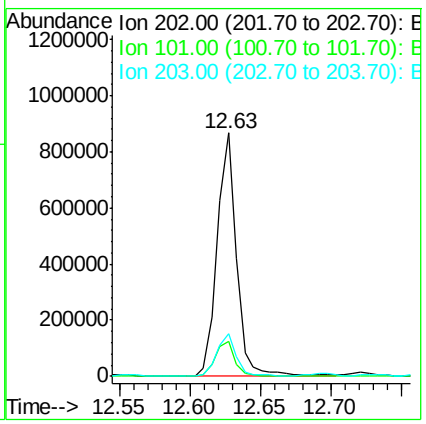


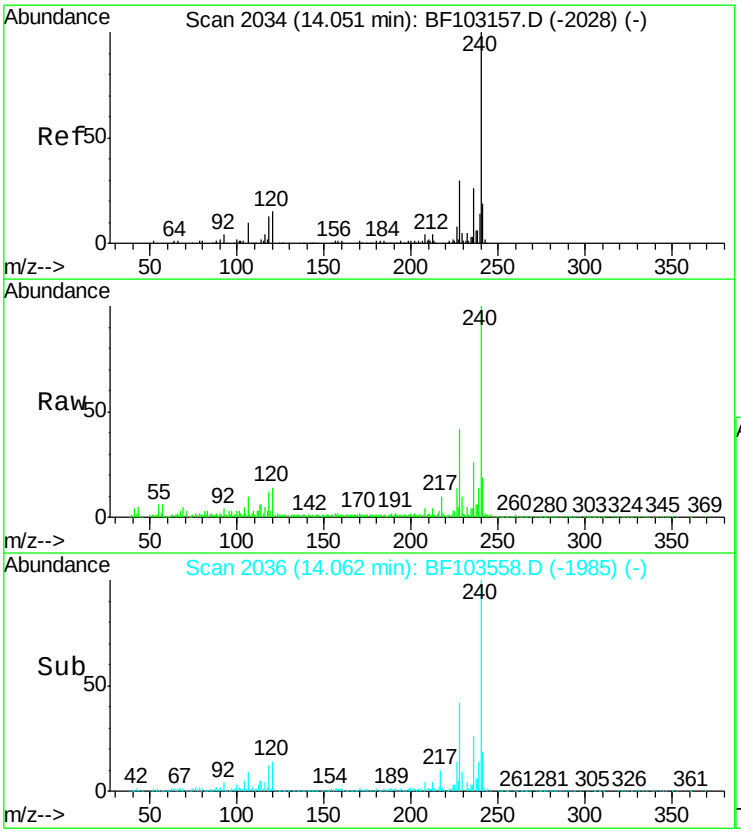
#74
Fluoranthene
Concen: 43.789 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 828929

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	34.1
203	17.4	0.0	38.1

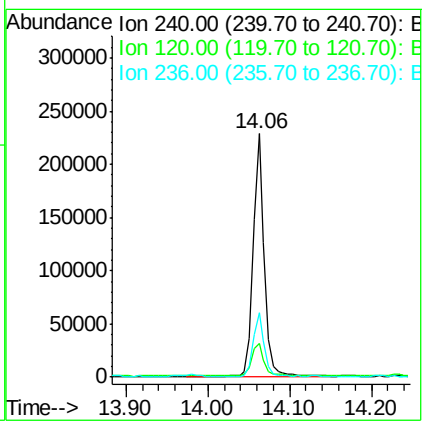


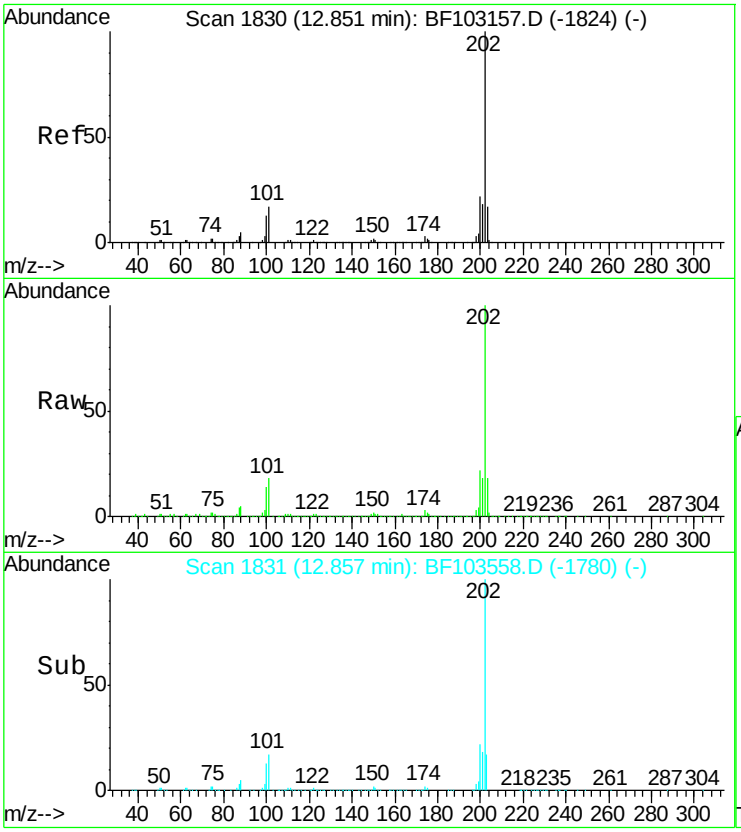


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Tgt Ion:240 Resp: 215712

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	26.4	20.7	31.1



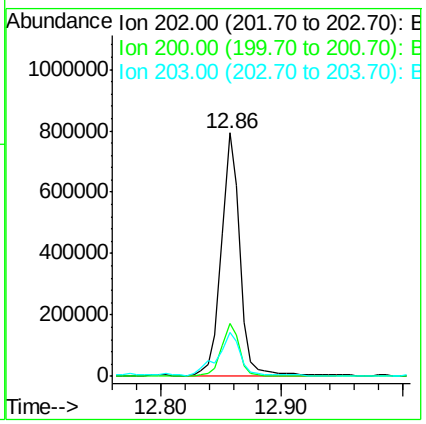


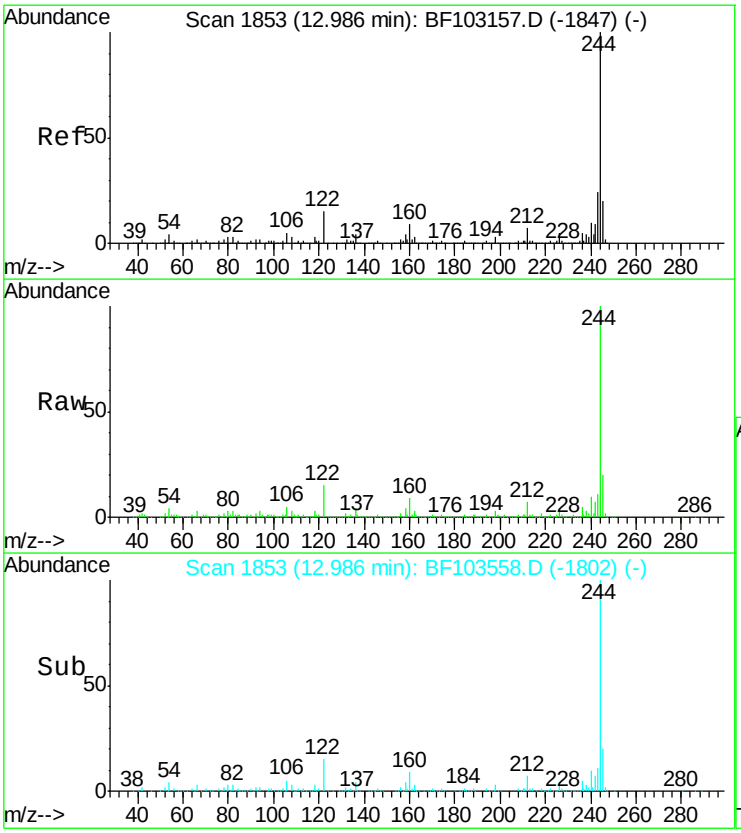
#77
Pyrene
Concen: 49.821 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 837908

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.9	14.3	21.5

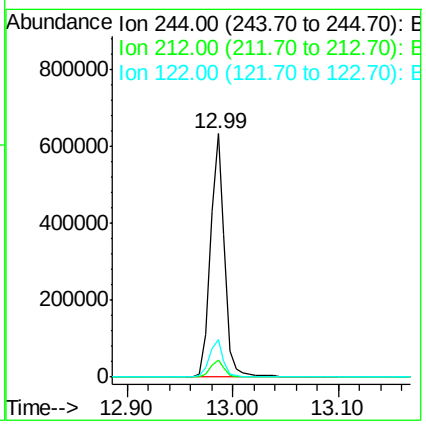


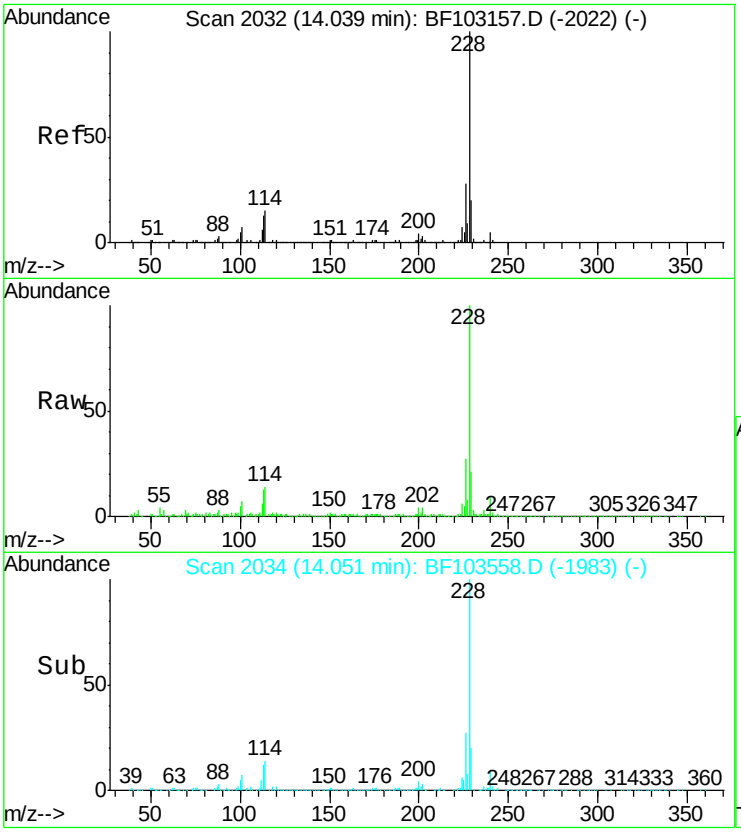


#78
Terphenyl-d14
Concen: 66.550 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Tgt Ion:244 Resp: 597193

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	15.3	11.0	16.4



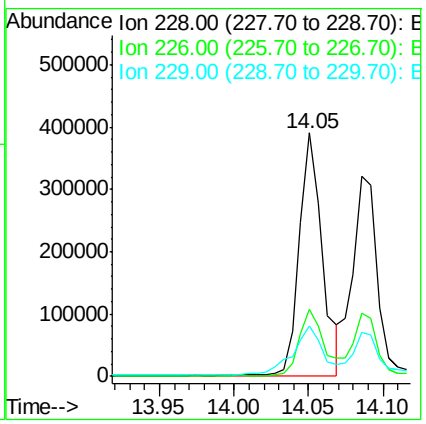


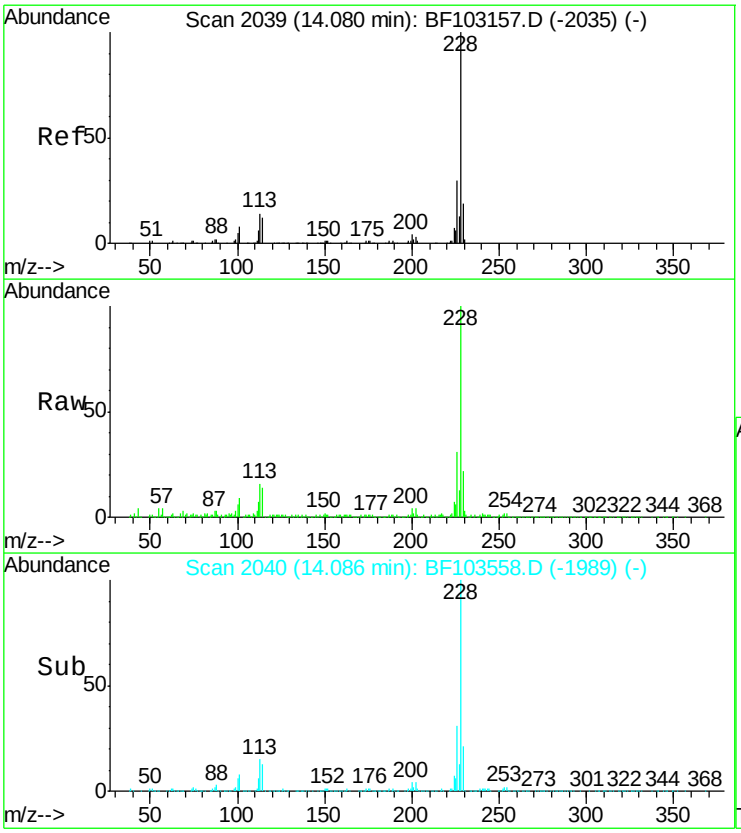
#80
Benzo(a)anthracene
Concen: 29.814 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 417281

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	20.9	15.8	23.6

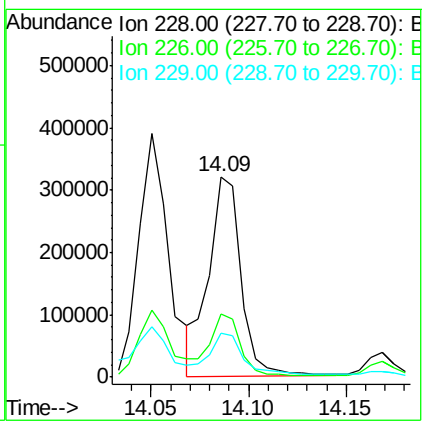


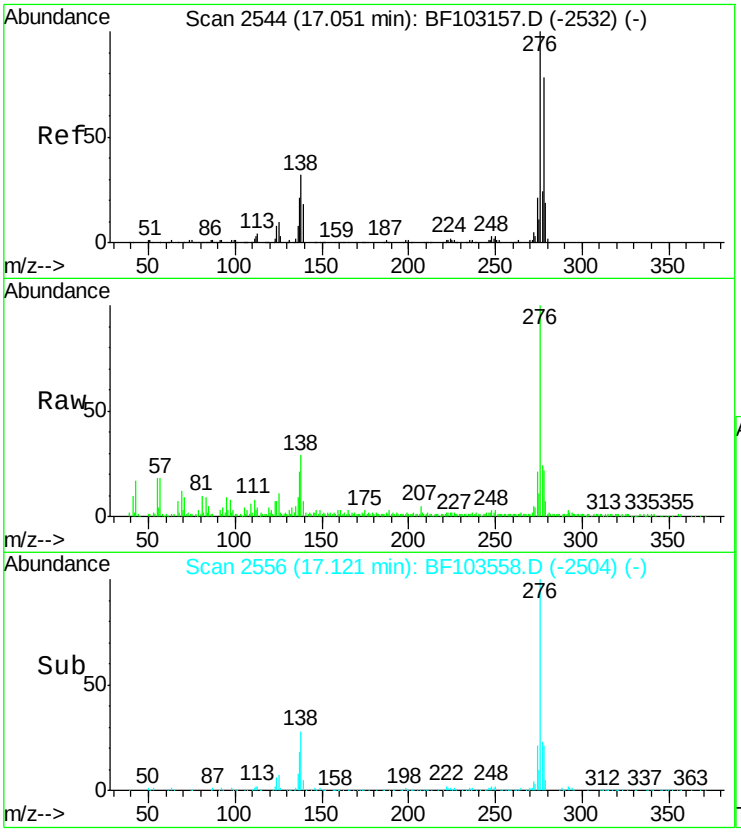


#82
Chrysene
Concen: 27.370 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Tgt Ion:228 Resp: 371963

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	21.9	16.2	24.4



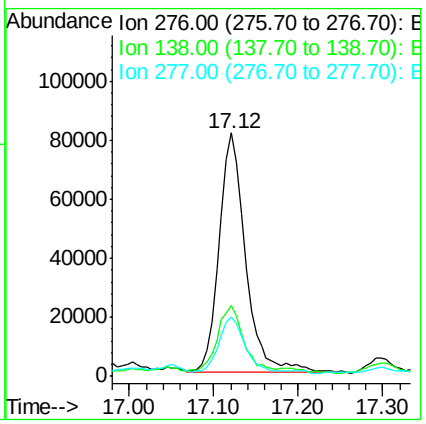


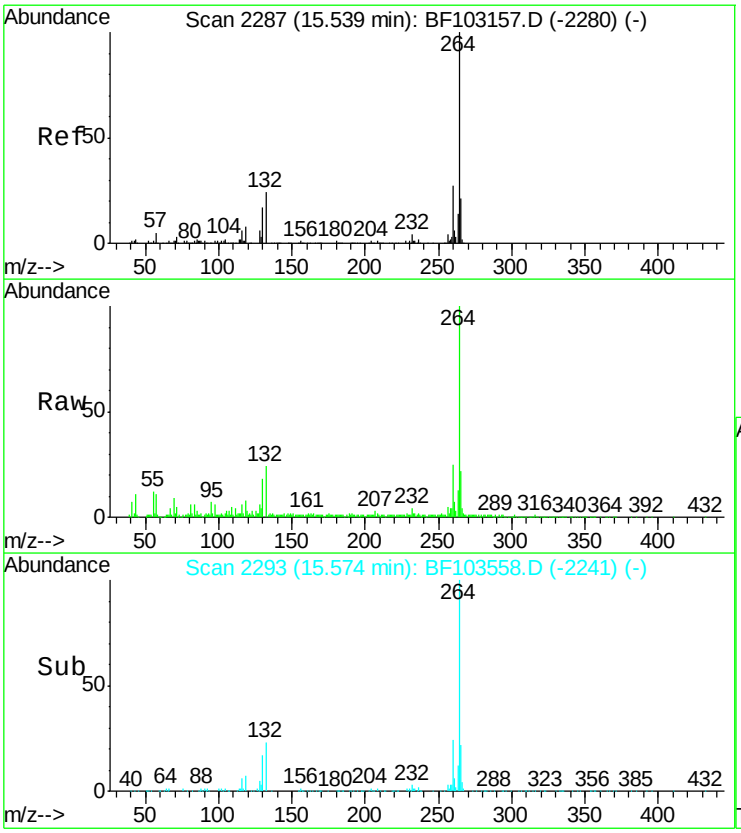
#85
Indeno(1,2,3-cd)pyrene
Concen: 16.515 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.01 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 177680

Ion	Ratio	Lower	Upper
276	100		
138	25.8	25.0	37.6
277	21.8	20.1	30.1

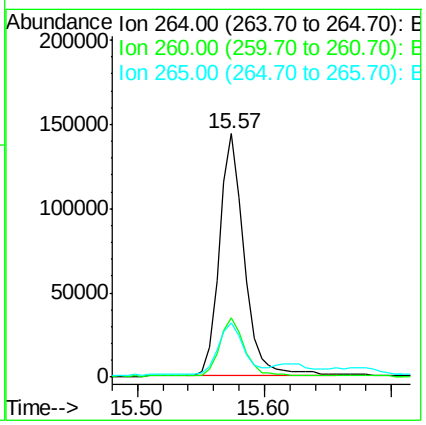


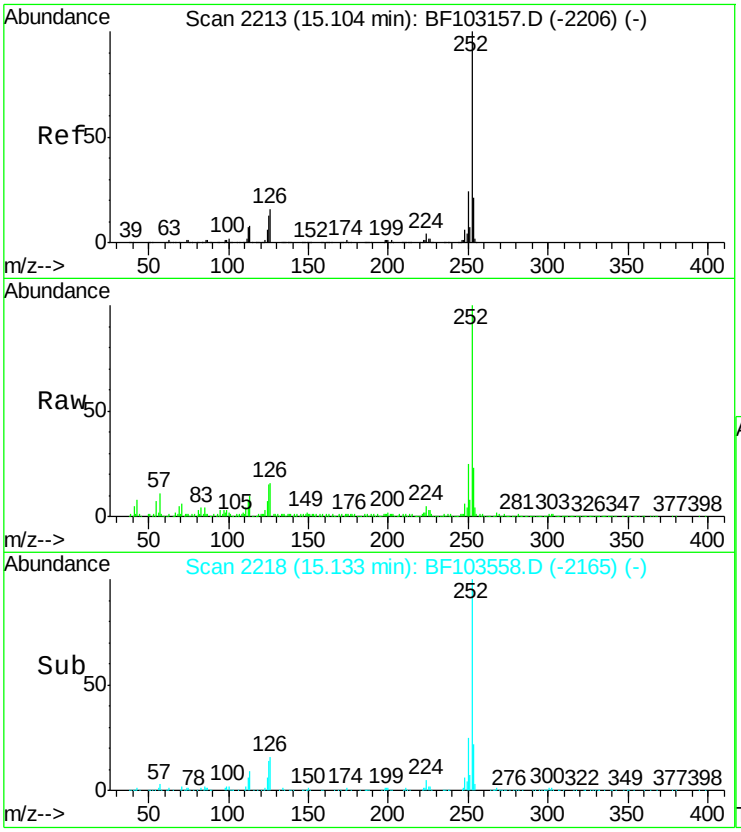


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Tgt Ion:264 Resp: 195684

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.5	17.5	26.3



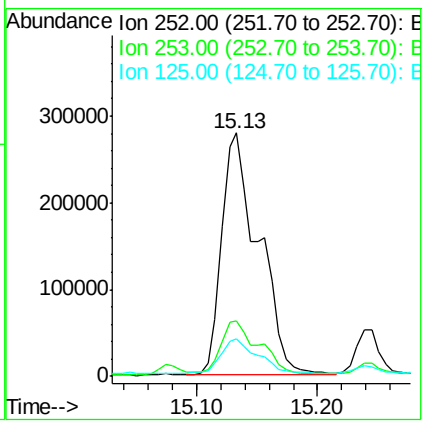


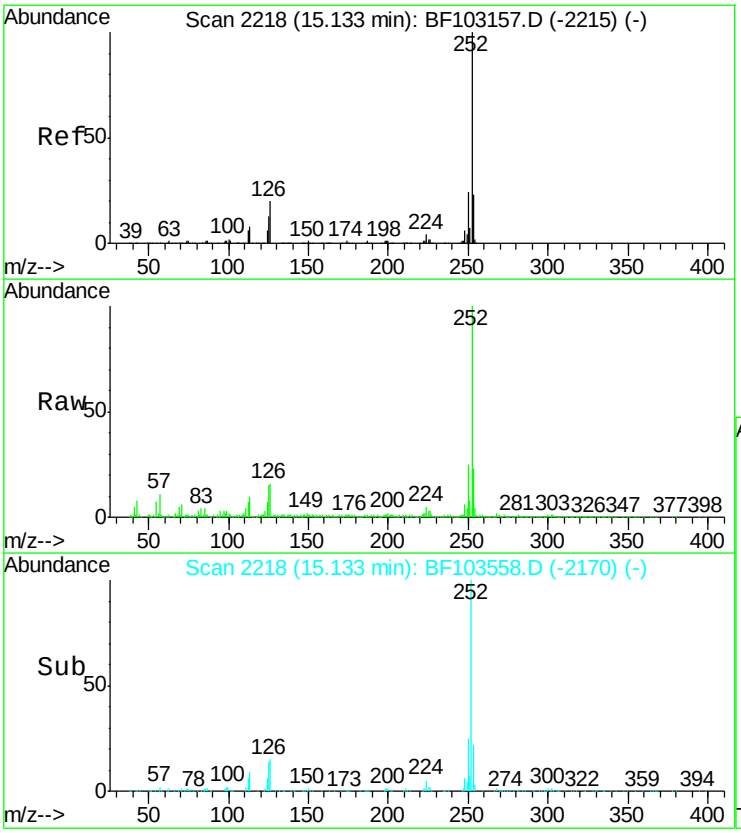
#87
Benzo(b)fluoranthene
Concen: 46.021 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 592113

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	15.2	9.0	13.6#

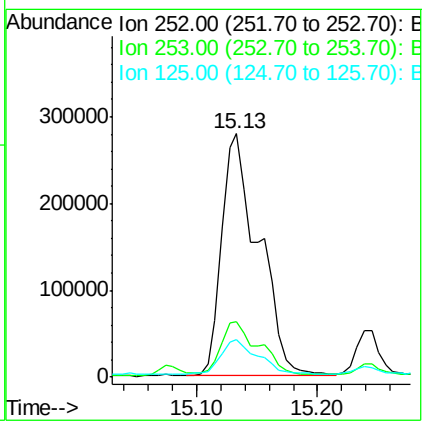


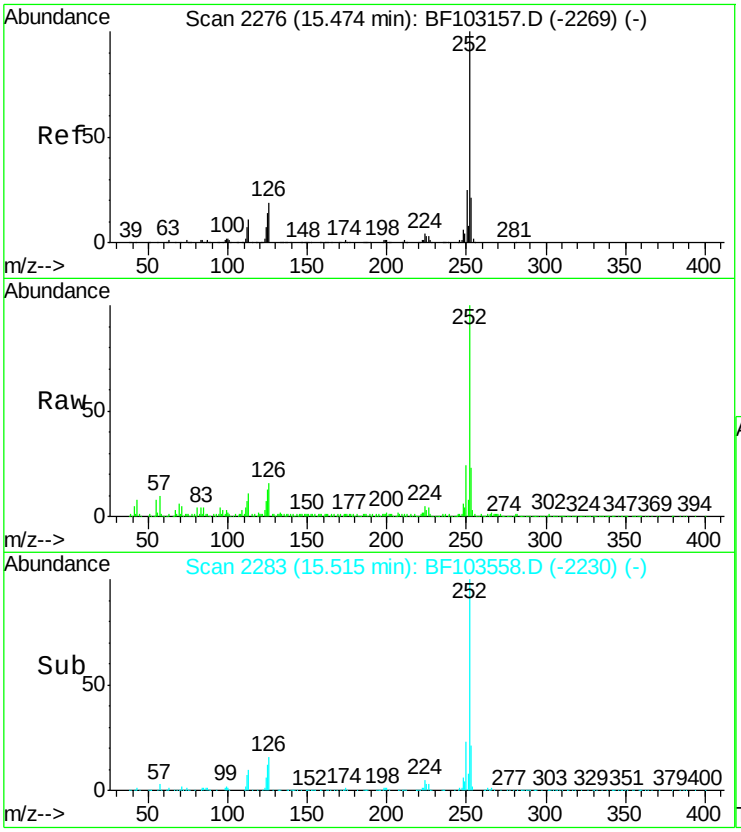


#88
Benzo(k)fluoranthene
Concen: 48.873 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Tgt Ion:252 Resp: 592113

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	15.2	10.2	15.2#



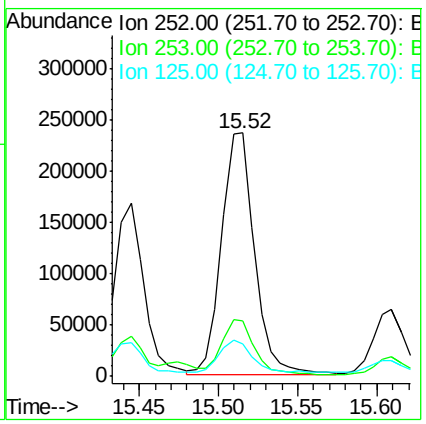


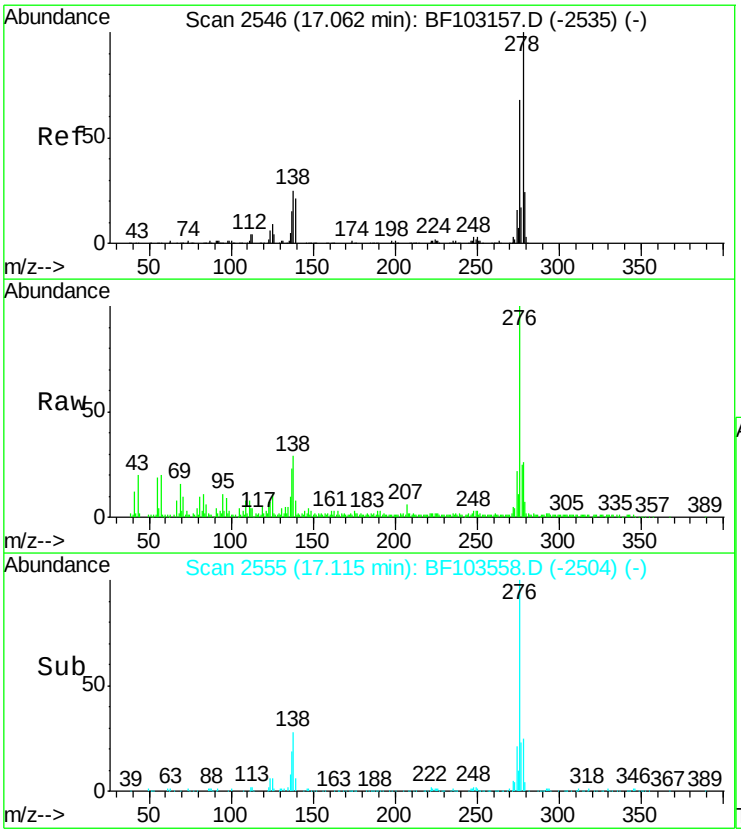
#89
Benzo(a)pyrene
Concen: 29.766 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 341993

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	13.2	9.8	14.6

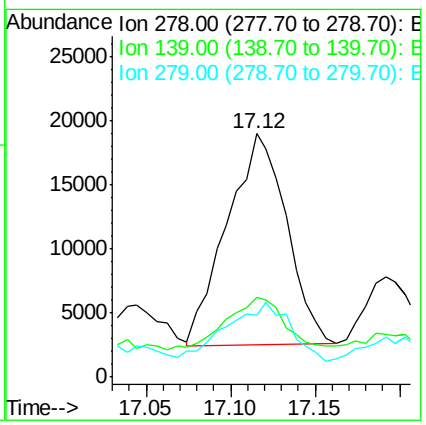


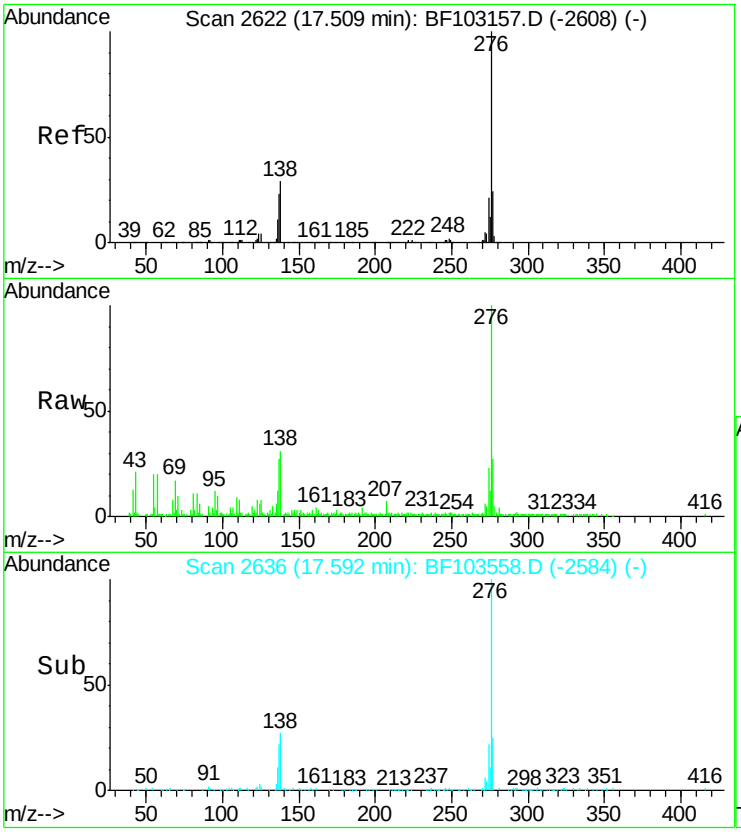


#90
Dibenzo(a,h)anthracene
Concen: 4.558 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Tgt Ion:278 Resp: 40463

Ion	Ratio	Lower	Upper
278	100		
139	32.6	15.9	23.9#
279	25.4	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 18.487 ng
RT: 17.59 min Scan# 2636
Delta R.T. 0.01 min
Lab File: BF103558.D
Acq: 9 Mar 2018 15:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 160411

Ion	Ratio	Lower	Upper
276	100		
277	26.9	17.9	26.9
138	30.9	21.8	32.8